PN   -   JP9018694 A 19970117
PD   -   1997-01-17
PR   -   US19950496656 19950629
OPD   -   1995-06-29
TI   -   APPARATUS AND METHOD FOR CORRECTING SKEW IN IMAGE
IN   -   MAIKERU II FUAARERU
PA   -   XEROX CORP
IC   -   H04N1/387 ; G06F3/13 ; G06F3/14 ; G06T3/60 ; G06K9/32 ;
H04N1/04
⌐ WPI / DERWENT

TI   -   Printing device using skew correction appts - rotates image
by predetermined skew angle based on co- ordinates value obtained
from co-ordinates unit
PR   -   US19950496656 19950629
PN   -   JP9018694 A 19970117 DW199713 H04N1/387 012pp
PA   -   (XERO) XEROX CORP
IC   -   G06F3/13 ;G06F3/14 ;G06K9/32 ;G06T3/60 ;H04N1/04 ;H04N1/387
AB   -   J09018694 The device processes the image signal
corresponding to a document and is stored in a memory. Bit
mapping of the pixels contained in the image signal is performed.
Each pixel is matched with a particular co-ordinate by a
co-ordinates unit. A bit map expression is displayed on display
screen. A GUI unit displays the image being shifted by
predetermined skew angle based on the specified bit map
expression.
-        A pointing unit selects first and second pixels from the
displayed image. The magnitude of this skew is decided based on
the co-ordinates value obtained from the co-ordinates unit. The
image is rotated at a particular skew angle.
-        ADVANTAGE - Enables to print images easily.
-        (Dwg.12/12)
OPD   -   1995-06-29
AN   -   1997-139075 [13]
⌐ PAJ / JPO

PN   -   JP9018694 A 19970117
PD   -   1997-01-17
AP   -   JP19960162703 19960624
IN   -   FARRELL MICHAEL E
PA   -   XEROX CORP
TI   -   DEVICE AND METHOD FOR CORRECTING SKEW OF IMAGE
AB   -   PROBLEM TO BE SOLVED: To reduce the image processing time in
an electronic printer and to obtain a high job performance by
allowing the user to have only to select two points in a bit map
so as to set a magnitude of a skew angle.
-        SOLUTION: After the user manually makes a correcting operation
to obtain a magnitude of a skew angle, a built-in processor
checks whether or not the angle is equal to any of selected
reference angles. In this embodiment, the reference angles are 45
deg., 135 deg., 225 deg., and 315 deg.. When the skew angle
&theta is not equal to any of them, the step is advanced and the
skew angle &theta is normalized. Then 90 deg., 180 deg., or 270
deg. is subtracted from the skew angle &theta for the
normalization and whether or not the assumption of a small angle
is made is decided. A printer inquires of a proper state index to
discriminate whether or not an object image 24 is to be rotated
by the minimum angle. When the 'Auto Adjust' is turned off, a
high degree of flexibility is obtained by designating an angle
and its direction of rotation of an object image 214.
I   -   H04N1/387 ;G06F3/13 ;G06F3/14 ;G06T3/60 ;G06K9/32 ;H04N1/04